

061206T4CYB

CYBERSECURITY TECHNICIAN LEVEL 6

SEC/OS/CS/CR/04/6/A

BUILD SECURE NETWORK

Nov. / Dec. 2023



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

PRACTICAL ASSESSMENT

Time: 3 Hours

INSTRUCTIONS TO CANDIDATE

This assessment requires the candidate to demonstrate competence against unit of competency:

Build Secure Network.

1. In this assessment, you will be required to perform **TWO (2)** practical tasks.
2. Write your name, registration code, date and sign in the practical assessment attendance register.
3. You have **10 minutes** to carefully read through the instructions and to collect the tools/resources required for the tasks.
4. The assessor will record your performance at critical points using audio-visual means.
5. Adhere to prescribed safety as per workplace procedures

This paper consists of 2 printed pages.

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing

You have been provided with the following resources:

- A computer preferably installed with windows 10
- Internet Connection

Task 1: Configure Firewall Settings- Inbound Rules.

1. Turn on windows defender firewall
2. Configure Firewall Settings - Inbound Rules
 - i. Use port 443 and TCP protocol
 - ii. Use port 5000 and UDP protocol
 - iii. Firewall rule to allow a connection coming from a secure connection
 - iv. Firewall rule to allow a connection if it encrypted
 - v. Take a screenshots of all the above configuration

Task 2: Configure Firewall Settings to allow apps to communicate through windows defender

- i.* Download WinRAR application
- ii.* Install the WinRAR application downloaded above
- iii.* Configure Firewall Settings to allow WinRAR application to communicate through window's defender firewall
- iv.* After configuring the rules, test the firewall settings.
- v.* Enable logging for the firewall to track firewall events and analyze potential security incidents.
- vi.* Take a screenshots of all the above configurations

END